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मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 667 Supplement, Methods for Identification of Textile Fibres (1981): Methods for Identification of Textile Fibres [TXD 5: Chemical Methods of Test]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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SUPPLEMENT TO
Indian Standard
METHODS FOR IDENTIFICATION
OF TEXTILE FIBRES
(First Revision)

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NEW DELHI 110002

SUPPLEMENT TO
Indian Standard
METHODS FOR IDENTIFICATION
OF TEXTILES FIBRES
(*First Revision*)

This supplement is intended to incorporate in this standard the microphotographs of cotton, flax, jute, silk, wool, acetate rayon, viscose rayon, acrylic, nylon and polyester fibres. The microphotographs included in this supplement give the cross-sectional and or longitudinal views of these fibres. Due to addition of this supplement, *clause 0.2.1* may be reworded as under:

‘Microphotographs of some important fibres have been incorporated separately as a supplement to this standard. For further details, the references given in *clause 0.4* may be used.’

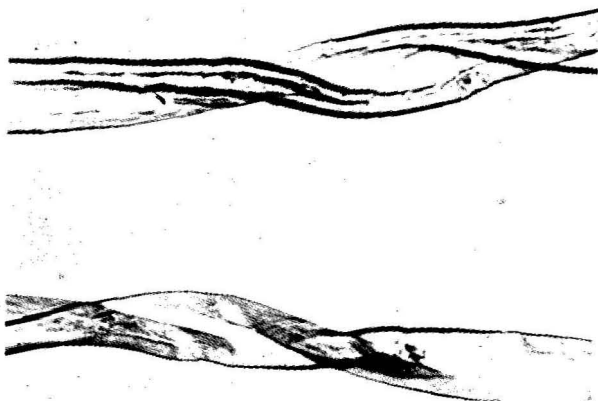


FIG. 1(a) RAW COTTON — LONGITUDINAL
VIEW
($\times 500$)



FIG. 1(b) RAW COTTON — CROSS-SECTIONAL
VIEW
($\times 750$)

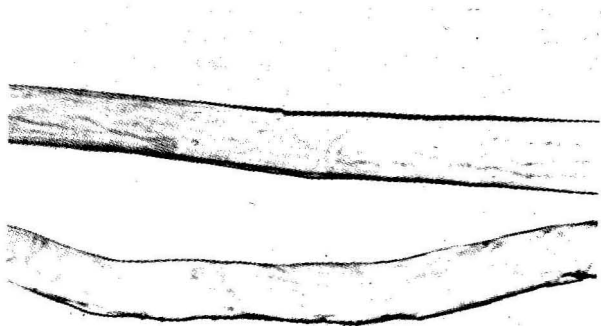


FIG. 2(a) MERCERIZED COTTON — LONGITUDINAL
VIEW
($\times 500$)

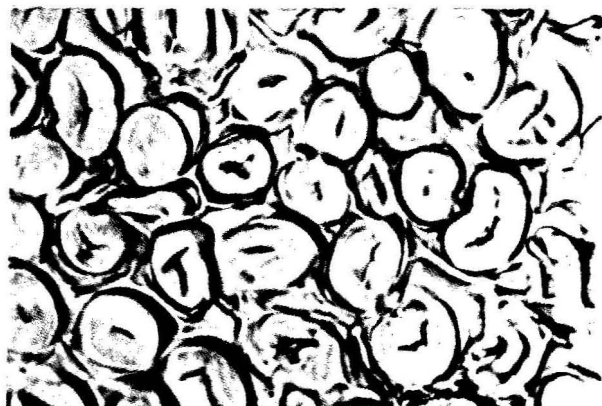


FIG. 2(b) MERCERIZED COTTON — CROSS-
SECTIONAL VIEW
($\times 750$)



FIG. 3 FLAX — CROSS-SECTIONAL VIEW
($\times 100$)

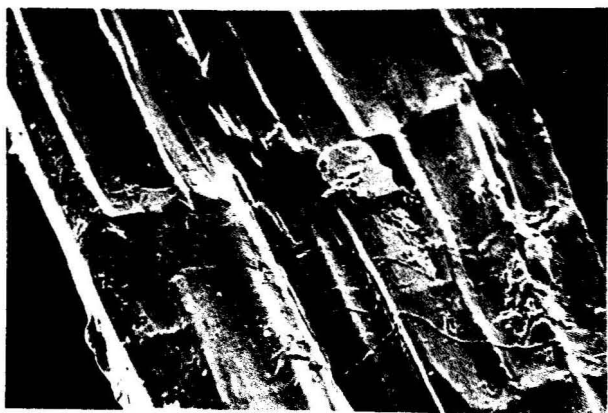


FIG. 4(a) RAW JUTE FIBRE (UNPURIFIED) —
LONGITUDINAL VIEW
($\times 600$)

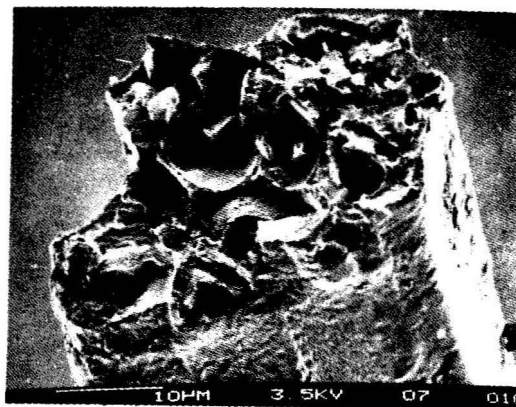


FIG. 4(b) FRACTURED RAW JUTE FIBRE
(UNPURIFIED) CROSS — SECTIONAL VIEW
($\times 200$)

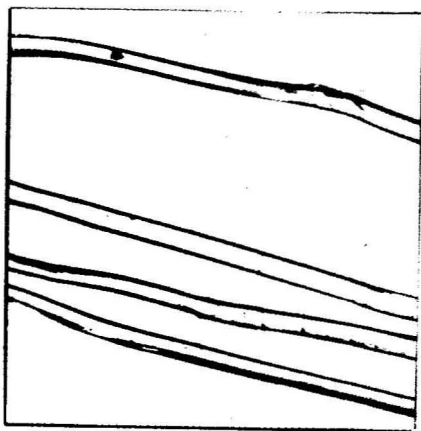


FIG. 5(a) RAW SILK — LONGITUDINAL
VIEW
($\times 250$)



FIG. 5(b) RAW SILK — CROSS-SECTIONAL
VIEW
($\times 500$)

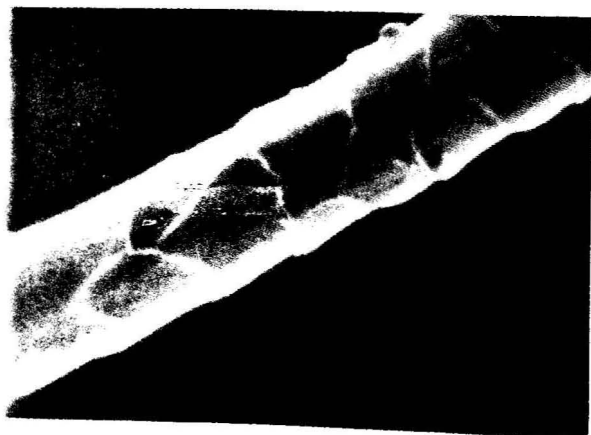


FIG. 6(a) WOOL — LONGITUDINAL VIEW
($\times 1000$)

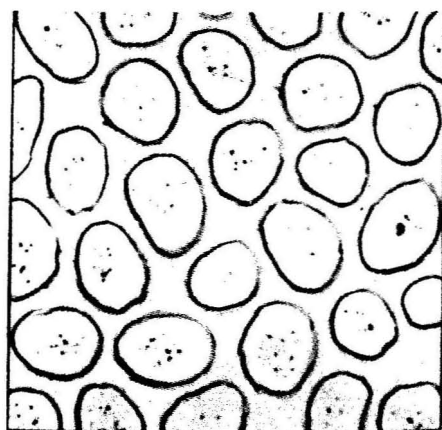


FIG. 6(b) WOOL — CROSS-SECTIONAL VIEW
($\times 500$)

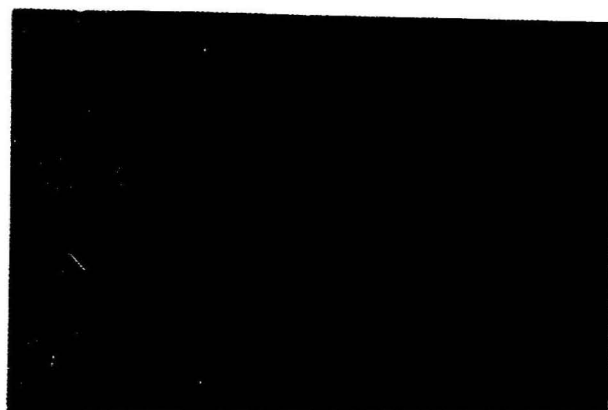


FIG. 7 ACETATE RAYON — CROSS-SECTIONAL VIEW
($\times 320$)

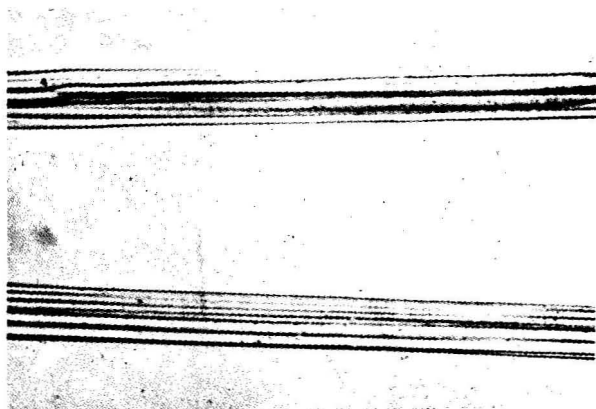


FIG. 8(a) VISCOSE, NORMAL — LONGITUDINAL
VIEW
($\times 500$)



FIG. 8(b) VISCOSE, NORMAL — CROSS-SECTIONAL
VIEW
($\times 750$)

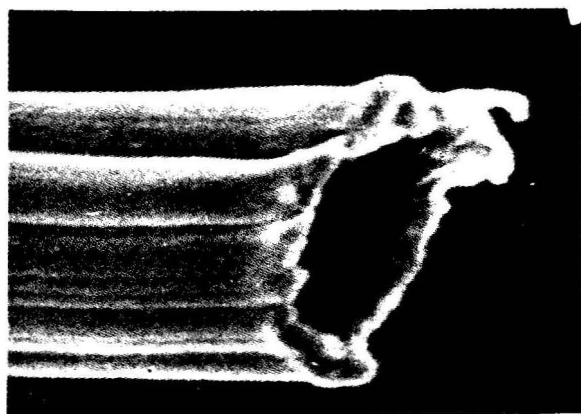


FIG. 8(c) HOLLOW VISCOSE — VISCOSE FIBRE
($\times 2\,000$)

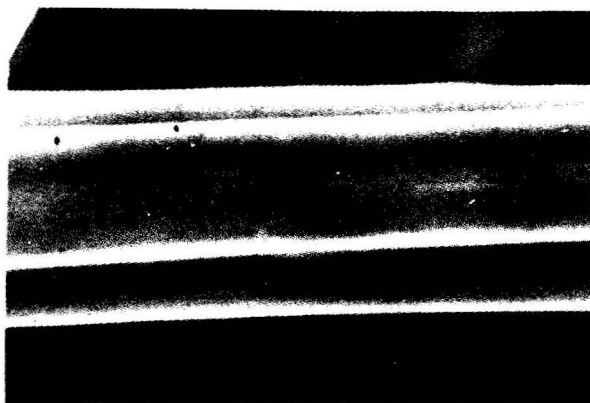


FIG. 8(d) TRILOBAL VISCOSE — LONGITUDINAL VIEW
($\times 2\,000$)



FIG. 8(e) CRIMPED VISCOSE — LONGITUDINAL
VIEW
($\times 1\,500$)

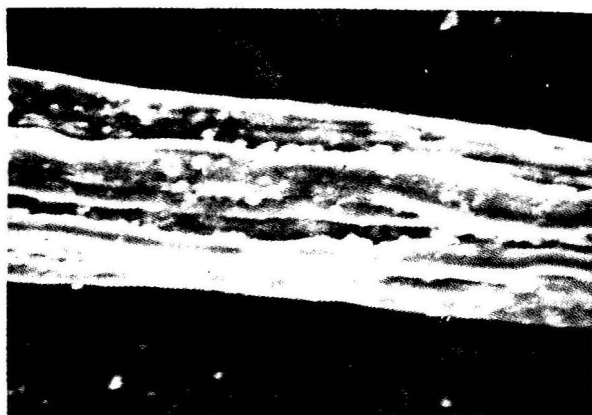


FIG. 8(f) INFLATED VISCOSE — LONGITUDINAL
VIEW
($\times 1\,000$)

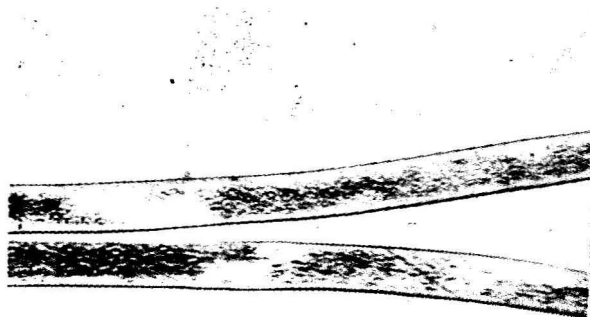


FIG. 8(g) VISCOSE, POLYNOSIC — LONGITUDINAL
VIEW
($\times 500$)

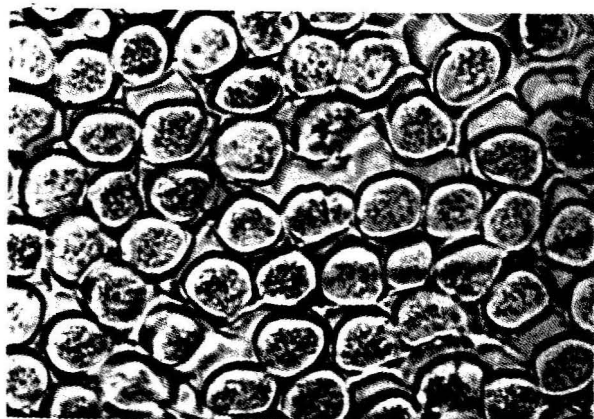


FIG. 8(h) VISCOSE, POLYNOSIC — CROSS-SECTIONAL
VIEW
($\times 750$)

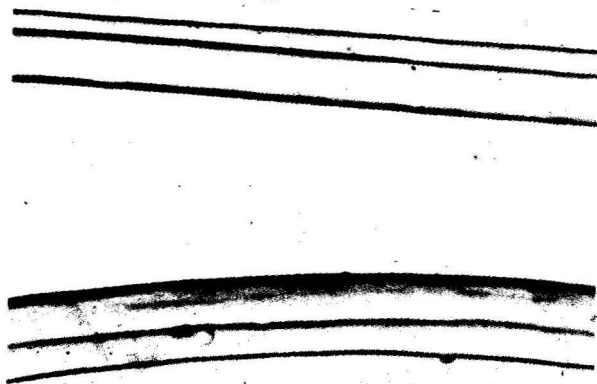


FIG. 9(a) ACRYLIC, BEAN SHAPE —
LONGITUDINAL VIEW
($\times 500$)

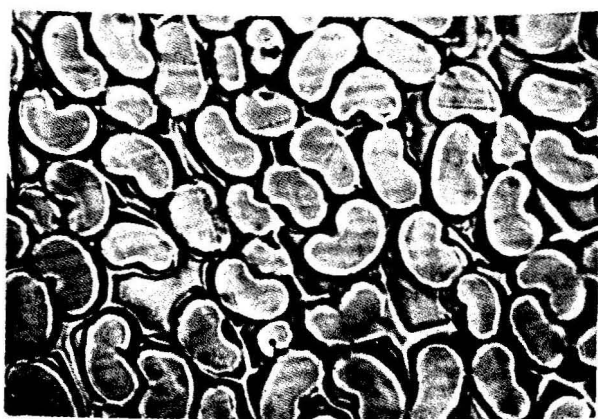


FIG. 9(b) ACRYLIC, BEAN SHAPE — CROSS-
SECTIONAL VIEW
($\times 500$)

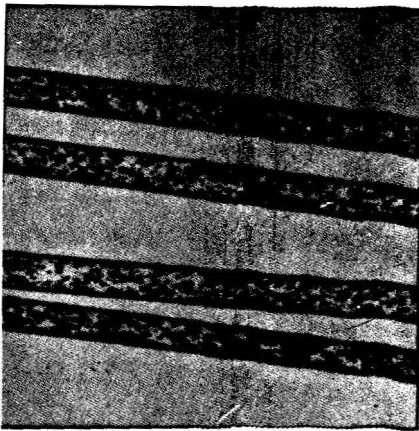


FIG. 10(a) NYLON 6 — LONGITUDINAL
VIEW
($\times 250$)

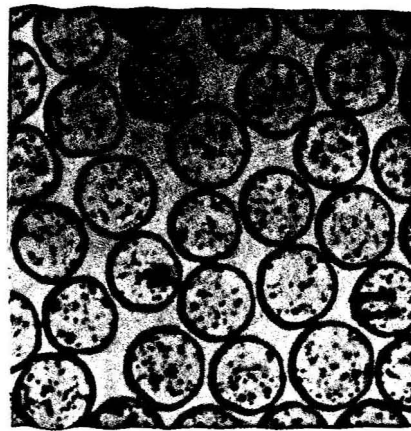


FIG. 10(b) NYLON 6 — CROSS-SECTIONAL
VIEW
($\times 500$)

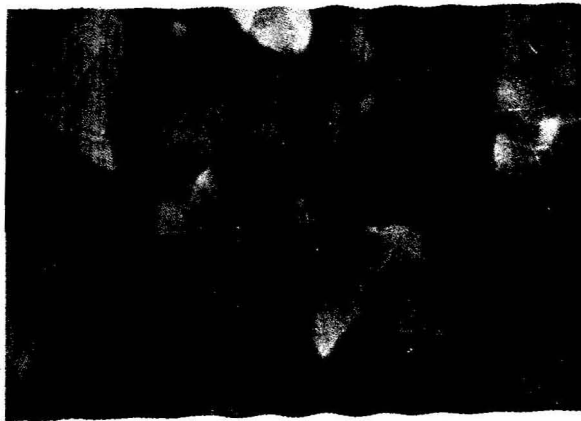


FIG. 10(c) NYLON, TRILOBAL — CROSS-SECTIONAL VIEW.
($\times 320$)



FIG. 11(a) POLYESTER, REGULAR (CIRCULAR)
— LONGITUDINAL VIEW
($\times 500$)

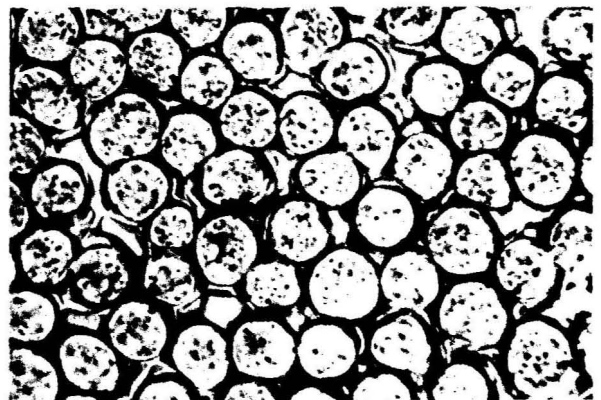


FIG. 11(b) POLYESTER, REGULAR (CIRCULAR)
— CROSS-SECTIONAL VIEW
($\times 500$)

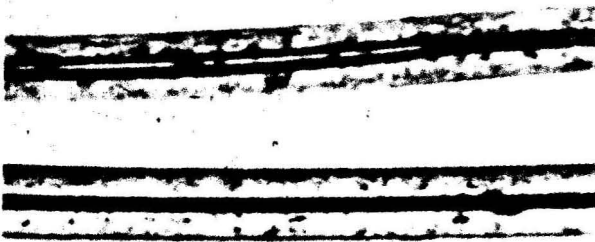


FIG. 11(c) POLYESTER, HOLLOW — LONGITUDINAL
VIEW
(× 500)



FIG. 11(d) POLYESTER, HOLLOW — CROSS-
SECTIONAL VIEW
(× 500)

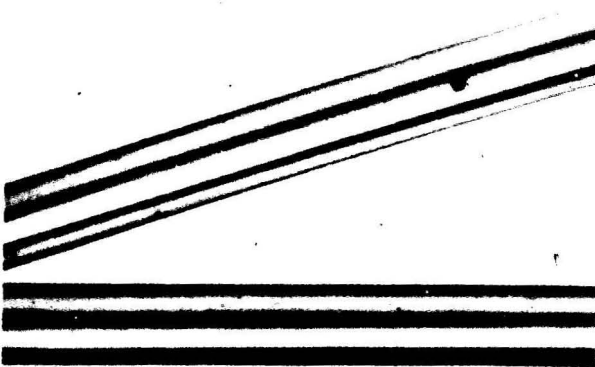


FIG. 11(e) POLYESTER, TRILOBAL —
LONGITUDINAL VIEW
(× 500)



FIG. 11(f) POLYESTER, TRILOBAL — CROSS-
SECTIONAL VIEW
(× 500)

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